| L Number | Hits | Search Text   | DB                                    | Time stamp       |
|----------|------|---|---------------------------------------|------------------|
| 4        | 12   | (((((flexible or (variable same   | USPAT                                 | 2004/04/18 22:42 |
|          |      | stiffness)) same (catheter same (heat or heating)) ) and (((606/13-16,27-49) or         |                                       |                  |
|          |      | (607/96-103) or $(604/915-921)).CCLS.)) and$  |                                       |                  |
|          |      | (aperture\$1 or slit\$1)) and (polymer or   |                                       |                  |
|          |      | <pre>metal)) and (heat same shrink\$3)) and tapered</pre>                               |                                       |                  |
| 7        | 6248 | ((606/13-16,27-49) or (607/96-103) or   | USPAT                                 | 2004/04/18 22:47 |
|          |      | (604/915-921)).CCLS.  |                                       |                  |
| 8        | 4489 | oconnor.in.   | USPAT;<br>US-PGPUB;                   | 2004/04/18 22:47 |
| 1        |      |   | EPO; JPO;                             |                  |
|          |      |   | DERWENT;                              |                  |
| 11       | 23   | ((((606/13-16,27-49) or (607/96-103) or   | <pre>IBM_TDB USPAT;</pre>             | 2004/04/18 22:49 |
| **       | 25   | ((((000)13-10,27-49) Of (007/30-103) Of (604/915-921)).CCLS.) and ((flexible or         | US-PGPUB;                             | 2004/04/10 22:43 |
| 1        |      | (variable same stiffness)) same (catheter   | EPO; JPO;                             |                  |
| ]        |      | <pre>same (heat or heating)) )) and (reinforc\$3 same tube\$1)</pre>                    | DERWENT;<br>IBM TDB                   |                  |
| 13       | 12   | (((((flexible or (variable same   | USPAT                                 | 2004/04/18 22:50 |
| 1        |      | stiffness)) same (catheter same (heat or  |                                       |                  |
| 1        |      | heating))) and (((606/13-16,27-49) or (607/96-103) or (604/915-921)).CCLS.)) and        |                                       |                  |
|          |      | (aperture\$1 or slit\$1)) and (polymer or   |                                       |                  |
|          |      | metal)) and (heat same shrink\$3)) and  |                                       |                  |
| 14       | 3    | tapered<br>(((606/13-16,27-49) or (607/96-103) or                                       | USPAT;                                | 2004/04/18 22:50 |
|          |      | (604/915-921)).CCLS.) and oconnor.in.   | US-PGPUB;                             |                  |
|          |      | •   | EPO; JPO; DERWENT;                    |                  |
|          |      |   | IBM_TDB                               |                  |
| 12       | 18   | (((((flexible or (variable same   | USPAT                                 | 2004/04/18 22:51 |
|          |      | stiffness)) same (catheter same (heat or heating))) and (((606/13-16,27-49) or          |                                       |                  |
|          |      | (607/96-103) or (604/915-921)).CCLS.)) and  |                                       |                  |
|          |      | (aperture\$1 or slit\$1)) and (polymer or   |                                       |                  |
| 20       | 140  | <pre>metal)) and (heat same shrink\$3)  (((flexible or (variable same stiffness))</pre> | USPAT;                                | 2004/04/18 22:52 |
|          |      | same (catheter same (heat or heating)) )  | US-PGPUB;                             |                  |
| •        |      | and (reinforc\$3 same tube\$1))   | EPO; JPO;<br>DERWENT;                 |                  |
|          |      |   | IBM TDB                               |                  |
| -        | 186  | ((flexible or (variable same stiffness))  | USPAT                                 | 2002/11/14 16:57 |
|          |      | same (catheter same (heat or heating)))<br>and (((606/13-16,27-49) or (607/96-103) or   |                                       |                  |
|          |      | (604/915-921)).CCLS.)   |                                       |                  |
| -        | 1177 | (flexible or (variable same stiffness))   | USPAT;<br>US-PGPUB;                   | 2003/06/14 15:54 |
|          |      | same (catheter same (heat or heating))  | EPO; JPO;                             |                  |
|          |      | ·   | DERWENT;                              |                  |
| _        | 5518 | ((606/13-16,27-49) or (607/96-103) or   | IBM_TDB<br>USPAT                      | 2002/11/13 14:34 |
|          |      | (604/915-921)).CCLS.  |                                       |                  |
| -        | 186  | ((flexible or (variable same stiffness)) same (catheter same (heat or heating)))        | USPAT                                 | 2002/11/13 14:34 |
|          |      | and (((606/13-16,27-49) or (607/96-103) or  |                                       |                  |
|          | _    | (604/915-921)).CCLS.)   | · · · · · · · · · · · · · · · · · · · | 2002/11/12 14 24 |
| -        | 8    | (US-6357447-\$ or US-6063080-\$ or<br>US-6379378-\$ or US-5249585-\$ or                 | USPAT                                 | 2002/11/13 14:34 |
|          |      | US-5009655-\$ or US-4597755-\$ or   |                                       |                  |
|          | ,    | US-5344402-\$ or US-5344435-\$).did.  | USPAT                                 | 2002/11/13 14:35 |
| -        | 1    | ((US-6357447-\$ or US-6063080-\$ or<br>  US-6379378-\$ or US-5249585-\$ or              | OSFAI                                 | 2002/11/13 14:33 |
|          |      | US-5009655-\$ or US-4597755-\$ or   |                                       |                  |
|          |      | US-5344402-\$ or US-5344435-\$).did.) and (aperture\$1 or slit\$1)                      |                                       |                  |
| -        | 61   | (((flexible or (variable same stiffness))   | USPAT                                 | 2002/11/13 14:14 |
|          |      | <pre>same (catheter same (heat or heating)) )</pre>                                     |                                       |                  |
|          |      | and (((606/13-16,27-49) or (607/96-103) or (604/915-921)).CCLS.)) and (aperture\$1 or   |                                       |                  |
|          |      | slit\$1)  |                                       |                  |

|              | 27   | ("4269174"   "4524770"   "4869248"   | USPAT     | 2002/11/13 14:35 |
|--------------|------|--|-----------|------------------|
| <del>-</del> | 21   | "5007908"   "5078717"   "5083565"  | USPAI     | 2002/11/13 14:35 |
|              |      | "5125928"   "5222938"   "5263493"  |           |                  |
|              |      | "5281218"   "5324284"   "5327889"  |           |                  |
| 1            |      | "5334193"   "5336222"   "5342357"  |           |                  |
|              |      | "5348554"   "5403311"   "5423811"  |           | :                |
|              |      | "5431649"   "5454370"   "5458597"  |           |                  |
|              |      | "5462521"   "5476495"   "5487385"  |           |                  |
|              |      | "5514130"   "5738683"   "5863291").PN.   |           |                  |
| -            | 1    | ((((flexible or (variable same stiffness))   | USPAT     | 2002/11/13 14:36 |
|              |      | same (catheter same (heat or heating)) )   |           |                  |
|              |      | and (((606/13-16,27-49) or (607/96-103) or   |           |                  |
|              |      | (604/915-921)).CCLS.)) and (aperture\$1 or   |           |                  |
|              |      | slit\$1)) and ((US-6357447-\$ or   |           |                  |
|              |      | US-6063080-\$ or US-6379378-\$ or  |           |                  |
|              |      | US-5249585-\$ or US-5009655-\$ or  |           |                  |
|              |      | US-4597755-\$ or US-5344402-\$ or  |           |                  |
|              | 5.0  | US-5344435-\$).did.)   | ric D m   | 2002/11/13 14:37 |
| -            | 50   | ((((flexible or (variable same stiffness))   | USPAT     | 2002/11/13 14:37 |
|              |      | same (catheter same (heat or heating))) and (((606/13-16,27-49) or (607/96-103) or |           |                  |
|              |      | (604/915-921)).CCLS.)) and (aperture\$1 or   |           |                  |
|              |      | slit\$1)) and (polymer or metal)   |           |                  |
| 1_           | 12   | (((((flexible or (variable same  | USPAT     | 2004/04/18 22:50 |
|              | ""   | stiffness)) same (catheter same (heat or   |           |                  |
|              |      | heating))) and (((606/13-16,27-49) or  |           |                  |
|              |      | (607/96-103) or (604/915-921)).CCLS.)) and   |           |                  |
|              |      | (aperture\$1 or slit\$1)) and (polymer or  | · ·       |                  |
|              |      | metal)) and (heat same shrink\$3)  |           |                  |
| _            | 9    | ((((((flexible or (variable same   | USPAT     | 2004/04/18 22:50 |
|              |      | stiffness)) same (catheter same (heat or   |           |                  |
| !            |      | heating)) ) and (((606/13-16,27-49) or   |           | ;                |
|              |      | (607/96-103) or (604/915-921)).CCLS.)) and   |           |                  |
|              |      | (aperture\$1 or slit\$1)) and (polymer or  |           |                  |
|              |      | metal)) and (heat same shrink\$3)) and   |           |                  |
|              | 1177 | <pre>tapered (flexible or (variable same stiffness))</pre>                         | USPAT;    | 2002/11/13 14:34 |
| _            | 11// | same (catheter same (heat or heating))   | US-PGPUB; | 2002/11/10 11:01 |
| 1            | ļ    | Same (catheter same (near or nearing))   | EPO; JPO; |                  |
|              |      |  | DERWENT;  |                  |
|              |      |  | IBM_TDB   |                  |
| -            | 5518 | ((606/13-16,27-49) or (607/96-103) or  | USPAT     | 2002/11/13 14:34 |
|              |      | (604/915-921)).CCLS.   |           |                  |
| -            | 186  | ((flexible or (variable same stiffness))   | USPAT     | 2002/11/13 14:35 |
|              |      | same (catheter same (heat or heating)) )   |           |                  |
|              |      | and (((606/13-16,27-49) or (607/96-103) or   |           |                  |
|              | _    | (604/915-921)).CCLS.)  | USPAT     | 2002/11/13 14:35 |
| -            | 1    | ((US-6357447-\$ or US-6063080-\$ or US-6379378-\$ or US-5249585-\$ or              | USPAI     | 2002/11/13 14:33 |
|              |      | US-5009655-\$ or US-4597755-\$ or  |           |                  |
|              |      | US-5344402-\$ or US-5344435-\$).did.) and  |           |                  |
|              |      | (aperture\$1 or slit\$1)   |           |                  |
| _            | 27   | 1 1 1  | USPAT     | 2002/11/13 14:35 |
|              |      | "5007908"   "5078717"   "5083565"  |           |                  |
|              |      | "5125928"   "5222938"   "5263493"  |           |                  |
| 1            |      | "5281218"   "5324284"   "5327889"  |           |                  |
| 1            |      | "5334193"   "5336222"   "5342357"  |           |                  |
| 1            |      | "5348554"   "5403311"   "5423811"  |           |                  |
| 1            | 1    | "5431649"   "5454370"   "5458597"  |           |                  |
| 1            | 1    | "5462521"   "5476495"   "5487385"  |           |                  |
|              |      | "5514130"   "5738683"   "5863291").PN.   | HCDATE    | 2004/04/18 22:50 |
| -            | 12   |  | USPAT     | 2004/04/10 22:30 |
|              | 1    | stiffness)) same (catheter same (heat or heating))) and (((606/13-16,27-49) or     |           |                  |
|              |      | (607/96-103) or (604/915-921)).CCLS.)) and   |           |                  |
|              |      | (aperture\$1 or slit\$1)) and (polymer or  |           |                  |
|              |      | metal)) and (heat same shrink\$3)  |           |                  |
| 1            | L    |  |           | <del>^</del>     |

| - | 1           | ((((flexible or (variable same stiffness))                              | USPAT    | 2002/11/13 14:37 |
|---|-------------|---|----------|------------------|
|   |             | same (catheter same (heat or heating)) )                                |          |                  |
|   |             | and (((606/13-16,27-49) or (607/96-103) or                              |          |                  |
|   |             | (604/915-921)).CCLS.)) and (aperture\$1 or                              |          |                  |
|   |             | slit\$1)) and ((US-6357447-\$ or<br>  US-6063080-\$ or US-6379378-\$ or |          |                  |
|   |             | US-5249585-\$ or US-5009655-\$ or                                       |          |                  |
|   |             | US-4597755-\$ or US-5344402-\$ or                                       |          |                  |
|   |             | US-5344435-\$).did.)  |          |                  |
| _ | 50          |   | USPAT    | 2002/11/13 14:38 |
| İ |             | same (catheter same (heat or heating)) )                                |          |                  |
|   |             | and (((606/13-16,27-49) or (607/96-103) or                              |          |                  |
|   |             | (604/915-921)).CCLS.)) and (aperture\$1 or                              |          |                  |
|   |             | slit\$1)) and (polymer or metal)  |          |                  |
| - | 32          | , , , , ,   | USPAT    | 2002/11/13 14:38 |
|   |             | stiffness)) same (catheter same (heat or                                |          |                  |
|   |             | heating))) and (((606/13-16,27-49) or                                   |          |                  |
|   |             | (607/96-103) or (604/915-921)).CCLS.)) and                              |          |                  |
|   |             | (aperture\$1 or slit\$1)) and (polymer or metal) ) and polymer          |          |                  |
| _ | 10          |   | USPAT    | 2002/11/13 14:38 |
| _ | 10          | stiffness)) same (catheter same (heat or                                | OSFAI    | 2002/11/13 14.30 |
| : |             | heating)) ) and (((606/13-16,27-49) or                                  |          |                  |
|   |             | (607/96-103) or (604/915-921)).CCLS.)) and                              |          |                  |
|   |             | (aperture\$1 or slit\$1)) and (polymer or                               |          |                  |
|   | ·           | metal) ) and polymer) and (heat same                                    |          |                  |
|   |             | shrink\$3)  |          |                  |
| - | 1           | ((((((flexible or (variable same  | USPAT    | 2002/11/13 14:44 |
|   |             | stiffness)) same (catheter same (heat or                                |          |                  |
|   |             | heating))) and (((606/13-16,27-49) or                                   |          |                  |
|   |             | (607/96-103) or (604/915-921)).CCLS.)) and                              |          |                  |
|   |             | (aperture\$1 or slit\$1)) and (polymer or                               |          |                  |
| ł |             | metal) ) and polymer) and (heat same                                    |          |                  |
|   |             | shrink\$3)) and (polyethlylene or polytetrafluoroethylene or            |          |                  |
|   |             | polyetherethulketone or   |          |                  |
| 1 |             | polyphenylenesulfide)   |          |                  |
| _ | 3           | ((((((flexible or (variable same  | USPAT    | 2002/11/13 14:44 |
|   |             | stiffness)) same (catheter same (heat or                                |          |                  |
|   |             | heating)) ) and (((606/13-16,27-49) or                                  |          |                  |
|   | -           | (607/96-103) or (604/915-921)).CCLS.)) and                              |          |                  |
|   |             | (aperture\$1 or slit\$1)) and (polymer or                               |          |                  |
|   |             | metal) ) and polymer) and (polyethlylene                                |          |                  |
|   |             | or polytetrafluoroethylene or   |          |                  |
|   |             | polyetherethulketone or   |          |                  |
| _ | 8           | polyphenylenesulfide)<br>  (US-6357447-\$ or US-6063080-\$ or           | USPAT    | 2002/11/13 14:49 |
|   | ľ           | US-6379378-\$ or US-5249585-\$ or                                       |          |                  |
|   |             | US-5009655-\$ or US-4597755-\$ or                                       |          |                  |
|   |             | US-5344402-\$ or US-5344435-\$).did.                                    |          |                  |
| - | 1           | ("6352531").PN.   | USPAT    | 2002/11/13 14:57 |
| - | 9           | ((((((flexible or (variable same  | USPAT    | 2004/04/18 22:37 |
|   |             | stiffness)) same (catheter same (heat or                                |          |                  |
|   |             | heating))) and (((606/13-16,27-49)) or                                  | 1        |                  |
| 1 |             | (607/96-103) or (604/915-921)).CCLS.)) and                              |          |                  |
|   |             | (aperture\$1 or slit\$1)) and (polymer or                               |          |                  |
|   |             | metal)) and (heat same shrink\$3)) and tapered                          |          |                  |
| _ | 3           | (("5738666") or ("4902129") or  | USPAT    | 2002/11/14 16:46 |
|   | 3           | ("3572891")).PN.  |          |                  |
| _ | 1           | ("4801297").PN.   | USPAT    | 2002/11/14 16:46 |
| - | 186         | ((flexible or (variable same stiffness))                                | USPAT    | 2002/11/14 16:57 |
|   |             | same (catheter same (heat or heating)))                                 |          |                  |
| 1 |             | and (((606/13-16,27-49) or (607/96-103) or                              | !        |                  |
|   |             | (604/915-921)).CCLS.)   |          |                  |
| - | 13          | (((flexible or (variable same stiffness))                               | USPAT    | 2002/11/14 16:58 |
|   |             | same (catheter same (heat or heating)))                                 |          |                  |
|   |             | and (((606/13-16,27-49) or (607/96-103) or                              |          |                  |
|   |             | (604/915-921)).CCLS.)) and (polyethlylene or polytetrafluoroethylene or |          |                  |
|   |             | polyetherethulketone or   |          |                  |
| 1 |             | polypermerecharkerone of   polyphenylenesulfide)                        |          |                  |
|   | <del></del> | 1 2 1 1   | <u> </u> |                  |

|   | 5814 | ((606/13-16,27-49) or (607/96-103) or   | USPAT                  | 2003/06/14 15:53 |
|---|------|---|------------------------|------------------|
| _ | 5814 | (604/915-921)).CCLS.  | USPAT                  | 2003/06/14 15:53 |
| _ | 1336 | (flexible or (variable same stiffness))   | USPAT;                 | 2003/06/14 15:54 |
|   |      | same (catheter same (heat or heating))  | US-PGPUB;<br>EPO; JPO; |                  |
|   |      |   | DERWENT;               |                  |
|   |      |   | IBM_TDB                |                  |
| - | 6604 | ((606/13-16,27-49) or (607/96-103) or   | USPAT;                 | 2003/06/14 16:19 |
|   | 2944 | (604/915-921)).CCLS.  | US-PGPUB<br>USPAT;     | 2004/04/18 22:46 |
| - | 2944 | ocomor.m.   | US-PGPUB;              | 2004/04/10 22.40 |
|   |      |   | EPO; JPO;              |                  |
|   |      |   | DERWENT;               |                  |
|   | 1226 | (flexible or (variable same stiffness))   | IBM_TDB<br>USPAT;      | 2003/06/14 15:54 |
| - | 1330 | same (catheter same (heat or heating))  | US-PGPUB;              | 2003700711 10.01 |
|   |      |   | EPO; JPO;              |                  |
|   |      |   | DERWENT;               |                  |
| _ | 29   | 'variable stiffness catheter'   | IBM_TDB<br>USPAT;      | 2003/06/14 16:07 |
|   |      | Valiable Stillness catheter   | US-PGPUB;              |                  |
|   |      |   | EPO; JPO;              |                  |
|   |      |   | DERWENT;<br>IBM TDB    |                  |
| _ | 2    | (((606/13-16,27-49) or (607/96-103) or  | USPAT;                 | 2003/06/14 16:07 |
| 1 |      | (604/915-921)).CCLS.) and ('variable  | US-PGPUB;              |                  |
|   |      | stiffness catheter')  | EPO; JPO;<br>DERWENT;  |                  |
| 9 |      |   | IBM TDB                |                  |
| _ | 5    | ('variable stiffness catheter') and   | USPĀT;                 | 2003/06/14 16:14 |
|   |      | electrode   | US-PGPUB;              |                  |
|   |      |   | EPO; JPO; DERWENT;     |                  |
|   |      |   | IBM TDB                |                  |
| - | 4    | 1 ' '   | USPĀT                  | 2003/06/14 16:18 |
|   | 3    | or ("5499973")).PN.<br>(((606/13-16,27-49) or (607/96-103) or                                 | USPAT;                 | 2004/04/18 22:50 |
| _ |      | (604/915-921)).CCLS.) and oconnor.in.   | US-PGPUB;              |                  |
|   |      |   | EPO; JPO;              |                  |
|   |      |   | DERWENT;<br>IBM TDB    |                  |
| _ | 2    | (((606/13-16,27-49) or (607/96-103) or  | USPAT;                 | 2003/06/14 16:21 |
|   |      | (604/915-921)).CCLS.) and oconnor.in.   | US-PGPUB;              |                  |
|   |      |   | EPO; JPO; DERWENT;     |                  |
|   |      |   | IBM TDB                |                  |
| - | 205  |   | USPAT;                 | 2003/06/14 16:21 |
|   |      | (604/915-921)).CCLS.) and ((flexible or   | US-PGPUB;<br>EPO; JPO; |                  |
|   |      | (variable same stiffness)) same (catheter same (heat or heating))                             | DERWENT;               |                  |
|   |      | <b>3</b> ,  | IBM_TDB                |                  |
| - | 128  |   | USPAT;                 | 2003/06/14 16:22 |
|   |      | <pre>same (catheter same (heat or heating)) ) and (reinforc\$3 same tube\$1)</pre>            | US-PGPUB;<br>EPO; JPO; |                  |
| 1 |      | and (Termiorch) same capear)  | DERWENT;               |                  |
|   |      |   | IBM_TDB                | 0004/04/10 00 10 |
| - | 19   | ((((606/13-16,27-49) or (607/96-103) or (604/915-921)).CCLS.) and ((flexible or               | USPĀT;<br>US-PGPUB;    | 2004/04/18 22:49 |
|   |      | (variable same stiffness)) same (catheter   | EPO; JPO;              |                  |
|   |      | same (heat or heating)) )) and  | DERWENT;               |                  |
|   | 20   | (reinforc\$3 same tube\$1)  | IBM_TDB                | 2004/04/18 22:52 |
| - | 36   | <pre>(((flexible or (variable same stiffness)) same (catheter same (heat or heating)) )</pre> | USPAT;<br>US-PGPUB;    | 2004/04/10 22:32 |
|   |      | and (reinforc\$3 same tube\$1)) and   | EPO; JPO;              |                  |
|   |      | (electrode\$1)  | DERWENT;               | ,                |
| L |      |   | IBM_TDB                | <u> </u>         |